

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
24601-4168SERIAL NO.
09/815,981LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT.APPLICANT
De Jong *et al.*FILING DATE
03/22/01GROSS
1642 1632

SEP 07 2001

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
DS	AA	4	8	9	7	3	5	5	01/30/90	Eppstein <i>et al.</i>	435	240.2	10/29/87
DS	AB	4	9	3	7	1	9	0	06/26/90	Palmenberg <i>et al.</i>	435	69.1	10/15/87
DS	AC	5	2	0	8	0	6	6	05/04/93	Fujisaki <i>et al.</i>	427	96	04/30/92
DS	AD	5	2	8	8	6	2	5	02/22/94	Hadlaczky	435	172.2	09/13/91
DS	AE	5	3	1	8	5	1	5	06/07/94	Wilk	604	30	08/17/92
DS	AF	5	3	3	4	7	6	1	08/02/94	Gebeyehu <i>et al.</i>	564	197	08/28/92
DS	AG	5	3	8	9	0	6	9	02/14/95	Weaver	604	21	09/17/93
DS	AH	5	5	0	1	6	6	2	03/26/96	Hofmann	604	20	09/12/94
DS	AI	5	5	0	7	7	2	4	04/16/96	Hofmann <i>et al.</i>	604	53	01/21/94
DS	AJ	5	5	5	0	2	8	9	08/27/96	Eppstein <i>et al.</i>	564	293	04/03/95
DS	AK	5	6	7	6	1	5	1	10/14/97	Yock	128	662.06	12/03/93
DS	AL	5	6	9	5	9	6	7	12/09/97	Van Bokkelen <i>et al.</i>	435	91.1	06/07/95
DS	AM	5	7	1	2	1	3	4	01/27/98	Hadlaczky	435	172.2	01/19/95
DS	AN	5	7	2	1	1	1	8	02/24/98	Scheffler	435	69.1	10/29/96
DS	AO	5	7	3	6	3	9	2	04/07/98	Hawley-Nelson <i>et al.</i>	435	320.1	06/04/96
DS	AP	5	8	4	3	8	8	4	12/01/98	Sims	514	2	11/15/95
DS	AQ	5	8	5	3	6	9	4	12/29/98	Engberts <i>et al.</i>	424	1.21	07/24/96
DS	AR	5	8	6	9	2	9	4	02/09/99	Harrington <i>et al.</i>	435	91.1	09/20/96
DS	AS	5	8	9	1	6	9	1	04/06/99	Hadlaczky	435	172.3	10/21/96
DS	AT	5	9	4	4	7	1	0	08/31/99	Dev <i>et al.</i>	604	500	06/24/96
DS	AU	5	9	6	2	2	6	5	10/05/99	Norris <i>et al.</i>	435	69.1	12/15/98
DS	AV	5	9	6	5	3	9	6	10/12/99	Pan <i>et al.</i>	435	69.1	01/13/98
DS	AW	5	9	7	6	7	9	6	11/02/99	Szalay <i>et al.</i>	435	6	12/23/96
DS	AX	5	9	7	6	8	4	9	11/02/99	Hustad <i>et al.</i>	435	183	04/30/98

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Title: METHODS FOR DELIVERING NUCLEIC ACID MOLECULES INTO CELLS AND ASSESSMENT THEREOF

Mail date: 09/05/01

Pages #14 Attach.

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24601-4168	SERIAL NO. 09/815,981
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT De Jong <i>et al.</i>	
	FILING DATE 03/22/01	GROUP 1642 1636 SEP 07 2001 REC. CENTER 1600/2900

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
DS	AY	5	9	8	5	5	7	7	11/16/99	Bulinski	435	6	10/14/98
DS	AZ	5	9	9	3	4	3	4	11/30/99	Dev <i>et al.</i>	604	501	09/29/95
DS	BA	6	0	2	5	1	5	5	02/15/00	Hadlaczky <i>et al.</i>	435	69.1	08/07/96
DS	BB	6	0	2	7	4	8	8	02/22/00	Hofmann <i>et al.</i>	604	522	06/03/98
DS	BC	6	0	3	4	2	2	8	03/07/00	Norris <i>et al.</i>	536	23.1	06/25/99
DS	BD	6	0	3	7	1	3	3	03/14/00	Li	435	7.21	04/17/98
DS	BE	6	0	5	4	3	1	2	04/25/00	Larocca <i>et al.</i>	435	320.1	08/29/97
DS	BF	6	0	7	7	6	9	7	06/20/00	Hadlaczky <i>et al.</i>	435	172.3	07/15/96

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No
DS	BG	0	7	5	5	9	2	4	01/29/97	EP A1			
DS	BH	0	7	5	5	9	2	4	06/09/99	EP B1			
DS	BI	9	7	4	0	1	8	3	10/30/97	PCT			
DS	BJ	9	8	0	8	9	6	4	03/05/98	PCT			
DS	BK	9	9	2	1	5	8	4	05/06/99	PCT			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	BL	1999 Press Releases: "Chromos Molecular Systems Reports <i>In Vitro</i> and <i>In Vivo</i> Stability of Functional Mammalian Artificial Chromosome"; http://www.chromos.com/march1899.htm
DS	BM	1999 Press Releases: "Chromos Molecular Systems Demonstrates Large-Scale Isolation of Mammalian Artificial Chromosomes"; http://www.chromos.com/feb399.htm
DS	BN	2001 Press Releases: "Chromos Announces Publication of Rapid Screening Technique in the Journal Cytometry"; http://www.chromos.com/June%207.htm

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1642RECEIVED
SEP 07 2001
TECH CENTER 1600/2900

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	BO	2001 Press Releases: "Chromos Presents New Chromosome-Based Platform Technology for Gene Therapy (ASGT)"; http://www.chromos.com/June%204.htm1
DS	BP	2001 Press Releases: "Chromos Initiates Research into Plant Artificial Chromosomes"; http://www.chromos.com/Jan23.htm1
DS	BQ	2001 Press Releases: "Chromos Announces Expression of Therapeutic Protein in Transgenic Animal Carrying an Artificial Chromosome"; http://www.chromos.com/nov8.htm1
DS	BR	2001 Press Releases: "Chromos and Biological Research Center Announce Publication of Human Artificial Chromosome Methodology in the Journal of Cell Science"; http://www.chromos.com/sept12.htm1
DS	BS	2001 Press Releases: "Chromos Reports Data on Transgenic Animals Carrying Artificial Chromosome"; http://www.chromos.com/march28.htm1
DS	BT	Alton <i>et al.</i> , "Nucleotide sequence analysis of the chloramphenicol resistance transposon Tn9", <i>Nature</i> , 282 :864-869 (1979)
DS	BU	Anderson <i>et al.</i> , "Flow Cytometry of Mitotic Cells", <i>Experimental Cell Res.</i> , 238 :498-502 (1998)
DS	BV	Audouy <i>et al.</i> , "Serum as a modulator of lipoplex-mediated gene transfection: dependence of amphiphile, cell type and complex stability", <i>J. Gene Med.</i> , 2 :465-476 (2000)
DS	BW	Baldwin <i>et al.</i> , "Cloning of the Luciferase Structural Genes from <i>Vibrio harveyi</i> and Expression of Bioluminescence in <i>Escherichia coli</i> ", <i>Biochem.</i> , 23 :3663-3667 (1984)
DS	BX	Bao <i>et al.</i> , "Transfection Of A Reporter Plasmid Into Cultured Cells By Sonoporation <i>In Vitro</i> ", <i>Ultrasound in Med. & Biol.</i> , 23 :953-959 (1997)
DS	BY	Basic Protocol, Book: <u>Current Protocols in Molecular Biology</u> , Supplement 14, "Calcium Phosphate Transfection", Section 1, Unit 9.1.1 - 9.1.9
DS	BZ	Co <i>et al.</i> , "Generation of transgenic mice and germline transmission of a mammalian artificial chromosome introduced into embryos by pronuclear microinjection", <i>Chromosome Res.</i> , 8 :183-191 (2000)
DS	CA	Csonka <i>et al.</i> , "Novel generation of human satellite DNA-based artificial chromosomes in mammalian cells", <i>J. of Cell Sci.</i> , 113 :3207-3216 (2000)
DS	CB	de Jonge <i>et al.</i> , "Chromosome and DNA-Mediated Gene Transfer in Cultured Mammalian Cells", <i>International Review of Cytology</i> , 92 :133-158 (1984)

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	CC	de Jong <i>et al.</i> , Abstract No. 550: "In Vitro Transfer of a 60 Mb Mammalian Artificial Chromosome into Primary Cell Lines Using Cationic Lipids and a Dendrimer", one page
DS	CD	de Jong <i>et al.</i> , "Mammalian Artificial Chromosome Pilot Production Facility: Large-Scale Isolation of Functional Satellite DNA-Based Artificial Chromosomes", <i>Cytometry</i> , <u>35</u> :129-133 (1999)
DS	CE	de Wet <i>et al.</i> , "Firefly Luciferase Gene: Structure and Expression in Mammalian Cells", <i>Molecular and Cellular Biol.</i> , <u>7</u> :725-737 (1987)
DS	CF	Durand <i>et al.</i> , "Response of Cell Subpopulations in Spheroids to Radiation-Drug Combinations", <i>NCI Monogr.</i> , <u>6</u> :95-100 (1988)
DS	CG	Durand <i>et al.</i> , "Schedule Dependence for Cisplatin and Etoposide Multifraction Treatments of Spheroids", <i>J. Natl. Cancer Inst.</i> , <u>82</u> :1841-1845 (1990)
DS	CH	Durand <i>et al.</i> , "Sequencing Radiation and Adriamycin Exposures in Spheroids to Maximize Therapeutic Gain", <i>I. J. Radiation Oncol. Biol. Phys.</i> , <u>17</u> :345-350 (1989)
DS	CI	Engbrecht <i>et al.</i> , "Identification of genes and gene products necessary for bacterial bioluminescence", <i>Proc. Natl. Acad. Sci. USA</i> , <u>81</u> :4154-4158 (1984)
DS	CJ	Fritz <i>et al.</i> , Abstract: "Ultrasound Enhancement of Gene Expression, Newly Discovered Cationic Lipids, and a New Class of Gene Delivery Agents", ImaRx Pharmaceutical Corp. Announces Important Discoveries in Emerging Field of Drug Delivery Using Acoustically Active Carriers, <i>ImaRx Pharmaceutical Corp.</i> , pages 1-2 (2001)
DS	CK	Graham <i>et al.</i> , "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA", <i>Virology</i> , <u>52</u> :456-467 (1973)
DS	CL	Gratzner <i>et al.</i> , "An Immunofluorescence Method for Monitoring DNA Synthesis by Flow Cytometry", <i>Cytometry</i> , <u>1</u> :385-389 (1981)
DS	CM	Haas <i>et al.</i> , "Codon usage limitation in the expression of HIV-1 envelope glycoprotein", <i>Current Biol.</i> , <u>6</u> :315-324 (1996)
DS	CN	Hall <i>et al.</i> , "Expression and Regulation of <i>Escherichia coli lacZ</i> Gene Fusions in Mammalian Cells", <i>J. Molecular and Applied Genetics</i> , <u>2</u> :101-109 (1983)
DS	CO	Hoekstra <i>et al.</i> , "Lipid trafficking and sorting: how cholesterol is filling gaps", <i>Current Opinion in Cell Biol.</i> , <u>12</u> :496-502 (2000)
DS	CP	Hoekstra <i>et al.</i> , "Membrane flow, lipid sorting and cell polarity in HepG2 cells, role of a subapical compartment", <i>Biochem. Soc. Trans.</i> , <u>27</u> :422-428 (1999)

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DS	CQ	Hoffman <i>et al.</i> , "Lipochromosome Mediated Gene Transfer: Identification And Probable Specificity Of Localization Of Human chromosomal Material And Stability Of The Transfers", <i>In Vitro</i> , <u>17/8</u> :735-740 (1981)
DS	CR	Hollo <i>et al.</i> , "Evidence for a megareplicon covering megabases of centromeric chromosome segments", <i>Chromo. Res.</i> , <u>4</u> :240-247 (1996)
DS	CS	Huang <i>et al.</i> , "Intervening sequences increase efficiency of RNA 3' processing and accumulation of cytoplasmic RNA", <i>Nucleic Acids Res.</i> , <u>18/4</u> :937-947 (1990)
DS	CT	Huber <i>et al.</i> , "A Comparison Of Shock Wave And Sinusoidal-Focused Ultrasound=Induced Localized Transfection Of HeLa Cells", <i>Ultrasound to Med. & Biol.</i> , <u>25/9</u> :1451-1457 (1999)
DS	CU	Ishihara <i>et al.</i> , "Effects of phospholipid adsorption on nonthrombogenicity of polymer with phospholipid polar group", <i>J. Biomed. Materials Res.</i> , <u>27</u> :1309-1314 (1993)
DS	CV	Jackson <i>et al.</i> , "The novel mechanism of initiation of picornavirus RNA translation", <i>TIBS</i> , <u>15</u> :477-483 (1990)
DS	CW	Jang <i>et al.</i> , "A Segment of the 5' Nontranslated Region of Encephalomyocarditis Virus RNA Directs Internal Entry of Ribosomes during In Vitro Translation", <i>J. Virol.</i> , <u>62/8</u> :2636-2643 (1988)
DS	CX	Jellinek <i>et al.</i> , "Potent 2'-Amino-2'-deoxypyrimidine RNA Inhibitors of Basic Fibroblast Growth Factor", <i>Biochem.</i> , <u>34</u> :11363-11372 (1995)
DS	CY	Kereso <i>et al.</i> , "De novo chromosome formations by large-scale amplification of the centromeric region of mouse chromosomes", <i>Chromosome Res.</i> , <u>4</u> :226-239 (1996)
DS	CZ	Kim <i>et al.</i> , "Ultrasound-Mediated Transfection of Mammalian Cells", <i>Human Gene Therapy</i> , <u>7</u> :1339-1346 (1996)
DS	DA	Lamb <i>et al.</i> , "Introduction and expression on the 400 kilobase precursor amyloid protein gene in transgenic mice", <i>Nature Genetics</i> , <u>5</u> :22-29 (1993)
DS	DB	Lin <i>et al.</i> , "Modified RNA sequence pools for <i>in vitro</i> selection", <i>Nucleic Acids Res.</i> , <u>22/24</u> :5229-5234 (1994)
DS	DC	Maier <i>et al.</i> , "Membrane domains and polarized trafficking of sphingolipids", <i>Cell & Develop. Biol.</i> , <u>12</u> :149-161 (2001)
DS	DD	Miller <i>et al.</i> , "Sonoporation Of Cultured Cells In The Rotating Tube Exposure System", <i>Ultrasound in Med. & Biol.</i> , <u>25/1</u> :143-149 (1999)

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DS	DE	Mukherjee <i>et al.</i> , "Entrapment of metaphase chromosomes into phospholipid vesicles (lipochromosomes): Carrier potential in gene transfer", <i>Proc. Natl. Acad. Sci. USA</i> , <u>75</u> :1361-1365 (1978)
DS	DF	Noguchi <i>et al.</i> , "Measurement of DNA Synthesis by Flow Cytometry", <i>Cytometry</i> , <u>1</u> :6-390-393 (1981)
DS	DG	Oberle <i>et al.</i> , "Lipoplex Formation under equilibrium Conditions Reveals a Three-Step Mechanism", <i>Biophys. J.</i> , <u>79</u> :1447-1454 (2000)
DS	DH	Olive <i>et al.</i> , "Increase in the fraction of necrotic, not apoptotic, cells in SiHa xenograft tumours shortly after irradiation", <i>Radiotherapy & Oncology</i> , <u>50</u> :113-119 (1999)
DS	DI	Olive <i>et al.</i> , "Resistance to DNA Denaturation in Irradiated Chinese Hamster V79 Fibroblasts Is Linked to Cell Shape", <i>Experimental Cell Res.</i> , <u>193</u> :339-345 (1991)
DS	DJ	Pagratz <i>et al.</i> , "Potent 2'-amino-, and 2'-fluoro-2'-deoxyribonucleotide RNA inhibitors of keratinocyte growth factor", <i>Nature Biotechnol.</i> , <u>15</u> :68-73 (1997)
DS	DK	Pecheur <i>et al.</i> , "Protein-induced Fusion Can Be Modulated by Target Membrane Lipids through a Structural Switch at the Level of the Fusion Peptide", <i>J. Biol. Chem.</i> , <u>275</u> :6:3936-3942 (2000)
DS	DL	Perez <i>et al.</i> , "Satellite DNA-based artificial chromosomes - chromosomal vectors", <i>TIBTECH</i> , <u>18</u> :402-403 (2000)
DS	DM	Pittman <i>et al.</i> , "A simple and rapid immunological technique for visualising chromosome-mediated gene transfer (CMGT)", <i>J. Immunol. Methods</i> , <u>103</u> :87-92 (1987)
DS	DN	Ropp <i>et al.</i> , "Aequorea Green Fluorescent Protein Analysis by Flow Cytometry", <i>Cytometry</i> , <u>21</u> :309-317 (1995)
DS	DO	Sambrook <i>et al.</i> , Book: "Molecular Cloning", <i>A Laboratory Manual</i> , Second Ed., Cold Spring Harbor Laboratory Press (1989) <u>TABLE OF CONTENTS</u>
DS	DP	Shi <i>et al.</i> , "Efficient cationic lipid-mediated delivery of antisense oligonucleotides into eukaryotic cells: down-regulation of the corticotropin-releasing factor receptor", <i>Nucleic Acids Res.</i> , <u>29</u> :10:2079-2087 (2001)
DS	DQ	Song <i>et al.</i> , "Cell surface expression of MHC molecules in glioma cells infected with herpes simplex virus type-1", <i>J. Neuroimmunol.</i> , <u>93</u> :1-7 (1999)

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DS	DR	Takeuchi <i>et al.</i> , "Enhanced Visualization of Intravascular and Left Atrial Appendage Thrombus with the Use of a Thrombus-Targeting Ultrasound Contrast Agent (MRX-408A1): In Vivo Experimental Echocardiographic Studies", <i>J. Am. Soc. Echocardiogr.</i> , 12/12 :1015-1021 (1999)
DS	DS	Telenius <i>et al.</i> , "Stability of a functional murine satellite DNA-based artificial chromosome across mammalian species", <i>Chromosome Res.</i> , 7 :3-7 (1999)
DS	DT	Toh <i>et al.</i> , "Isolation and characterization of a rat liver alkaline phosphatase gene. A single gene with two promoters", <i>FEBS</i> , pages 231-237 (1989)
DS	DU	Unger <i>et al.</i> , Abstract: "Assessment of Myocardial Infarct with a New Ultrasound Contrast Agent", <i>RSNA</i> , Chicago, IL #1177, page 419 (1997)
DS	DV	Unger <i>et al.</i> , Abstract: "Ultrasound-Mediated Drug Delivery with Acoustically Active Carriers and SonoPoration™ and FluoroGene™ Gene Delivery", <i>ImaRx Pharmaceutical Corp.</i> , pages 1-8 (2000)
DS	DW	Unger <i>et al.</i> , Book: 16th International Congress on Acoustics and 135th Meeting Acoustical Society of America, "Gas-Filled Liposomes as Ultrasound Contrast Agents for Blood Pool, Thrombus-Specific and Therapeutic Applications", 3 :2179-2180 (1998)
DS	DX	Unger <i>et al.</i> , Book: "Liposomes as myocardial perfusion ultrasound contrast agents", <i>Ultrasound contrast Agents</i> , Chapter 6, pages 57-74 (1997)
DS	DY	Unger <i>et al.</i> , "Ultrasound Enhances Gene Expression of Liposomal Transfection", <i>Invest. Radiol.</i> , 32 :723-727 (1997)
DS	DZ	Vanderbyl <i>et al.</i> , "A Flow Cytometry Technique for Measuring Chromosome-Mediated Gene Transfer", <i>Cytometry</i> , 44 :100-105 (2001)
DS	EA	van der Woude <i>et al.</i> , "Novel pyridinium surfactants for efficient, nontoxic <i>in vitro</i> gene delivery", <i>Proc. Natl. Acad. Sci. USA</i> , 94 :1160-1165 (1997)
DS	EB	van der Woude <i>et al.</i> , "Parameters influencing the introduction of plasmid DNA into cells by the use of synthetic amphiphiles as a carrier system", <i>BBA Biochimica et Biophysica Acta</i> , 1240 :34-40 (1995)
DS	EC	van Leeuwen <i>et al.</i> , "Transfection of Small Numbers of Human Endothelial Cells by Electroporation and Synthetic Amphiphiles", <i>Eur. J. Vase Endovasc. Surg.</i> , 17 :9-14 (1999)
DS	ED	Wigler <i>et al.</i> , "DNA-mediated transfer of the adenine phosphoribosyltransferase locus into mammalian cells", <i>Proc. Natl. Acad. Sci. USA</i> , 76/3 :1373-1376 (1979)

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DS	EE	Wong <i>et al.</i> , "Sequence organization and cytological localization of the minor satellite of mouse", <i>Nucleic Acids Res.</i> , <u>16</u> :11645-11661 (1988)
DS	EF	Wyber <i>et al.</i> , "The Use of Sonication of r the Efficient Delivery of Plasmid DNA into Cells", <i>Pharmaceutical Res.</i> , <u>14/6</u> :750-756 (1997)
DS	EG	Yang <i>et al.</i> , "Optimized codon usage and chromophore mutations provide enhanced sensitivity with the green fluorescent protein", <i>Nucleic Acids Res.</i> , <u>24/22</u> :4592-4593 (1996)

EXAMINER

DSullivan

DATE CONSIDERED

12/2/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: METHODS FOR DELIVERING NUCLEIC ACID MOLECULES INTO CELLS AND ASSESSMENT THEREOF
Mail date: 09/05/01

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
24601-416BSERIAL NO.
09/815,981LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
De Jong *et al.*FILING DATE
03/22/01GROUP
1642

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
DR	A	5	8	3	0	4	3	0	11/03/98	Unger <i>et al.</i>	424	1.21	02/21/95
AS	B	6	0	7	4	6	6	7	06/13/00	Kinnunen <i>et al.</i>	424	450	05/21/98
DS	C	6	1	8	4	0	3	7	02/06/01	Rolland <i>et al.</i>	435	455	05/02/97

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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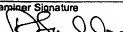
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Substitute Form PTO 449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 17084-018002/416B		Application No. 09/815,981	
<p style="text-align: center;">List of Patents and Publications for Applicant's Information Disclosure Statement</p> <p>(37 CFR § 1.98(b))</p>							
Group Art Unit 1636							
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A	NONE					
	B						
	C						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
DS	D	99/54445	10/28/99	PCT	/	/		
	E							
	F							
	G							
	H							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
DS	I	Lee and Jaenisch, "A method for high efficiency YAC lipofection into murine embryonic stem cells", <i>Nucleic Acids Res.</i> 24(24):5054-5055 (1996)
DS	J	Monteith DP, Leung JD, Borowski AH, Co DO, Praznovszky T, Jirik FR, Hadlaczky G, Perez CF, "Pronuclear microinjection of purified artificial chromosomes for generation of transgenic mice: pick-and-inject technique," <i>Method Mol. Biol.</i> 240:227-42 (2004)
DS	K	Lindenbaum M, Perkins E, Csonka E, Fleming E, Garcia L, Greene A, Gung L, Hadlaczky G, Lee E, Leung J, MacDonald N, Maxwell A, Mills K, Monteith D, Perez CF, Shellard J, Stewart S, Stodola T, Vandenberg D, Vanderbyl S, Ledebur HC Jr., "A mammalian artificial chromosome engineering system (ACE System) applicable to biopharmaceutical protein production, transgenesis and gene-based cell therapy", <i>Nucleic Acids Res.</i> Dec 07;32(21):e172 (2004)
DS	L	Perez, CF, Vanderbyl SL, Mills KA, Ledebur HC, "The ACE System: A versatile chromosome engineering technology with applications for gene-based cell therapy", <i>BioProcessing</i> 2004; 3:61-68.
DS	M	Rech et al., "Introduction of a yeast artificial chromosome vector into <i>Saccharomyces cerevisiae</i> cells by electroporation", <i>Nucleic Acids Res.</i> 18(5):1313 (1990)
DS	N	Tseng et al., "Mitosis enhances transgene expression of plasmid delivered by cationic liposomes", <i>Biochimica et Biophysica Acta</i> 1445:53-64 (1999)
DS	O	Vanderbyl S, MacDonald GN, Sidhu S, Gung L, Telenius A, Perez C, Perkins E, "Transfer and stable transgene expression of a mammalian artificial chromosome into bone marrow-derived human mesenchymal stem cells", <i>Stem Cells</i> 22(3):324-33 (2004)

Examiner Signature 	Date Considered 2/16/05
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	